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TrackTheHub

Description

TrackTheHub lets you keep tabs on your github account along with features such as

- View the trending repositories on github
- View your news feed
- Follow other people
- Keep track of issue and requests

Intended User

People using Github to manage their codebases

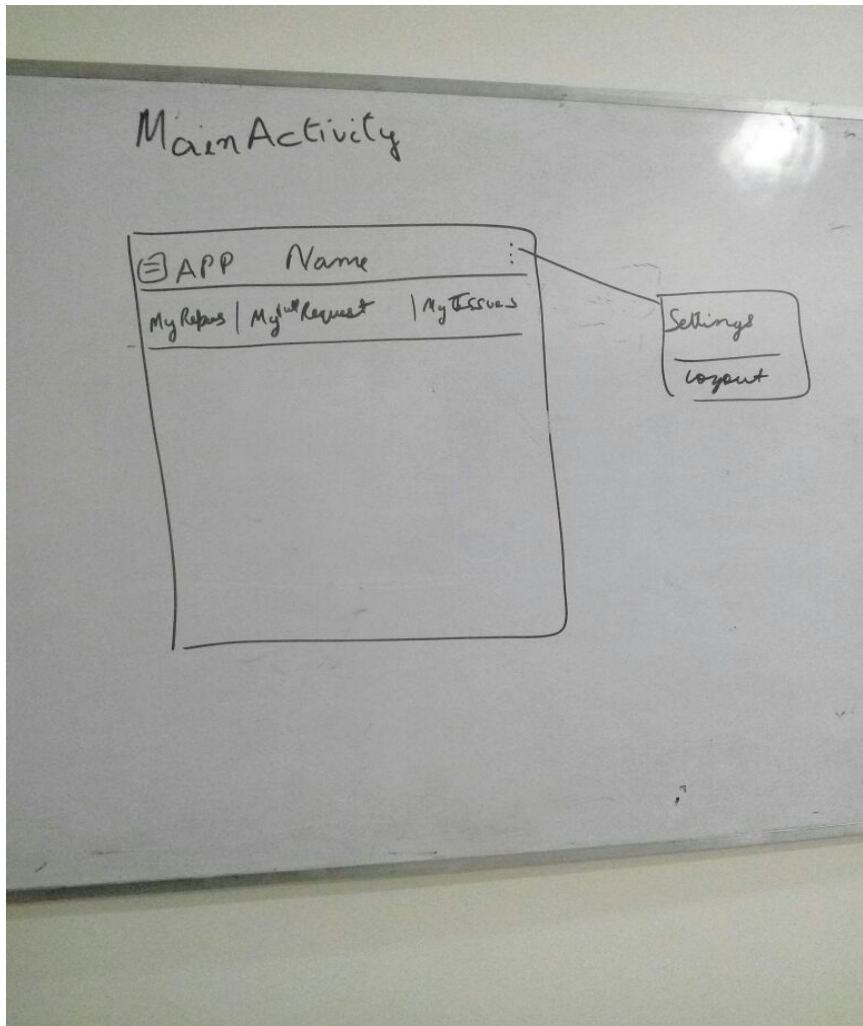
Features

List the main features of your app. For example:

- Shows important information
- Lets you manage your github account
- Lets you use several other features of github
- Widget to show you trending repo's right on the home screen

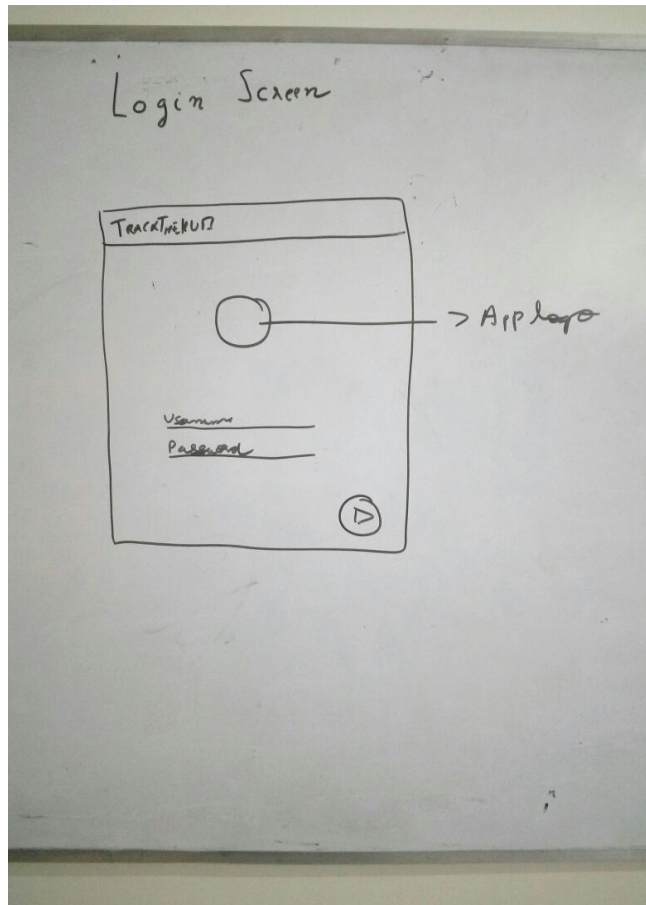
User Interface Mocks

Screen 1



MainActivity - 3 tabs that will load different fragments, viewPager will be used

Screen 2

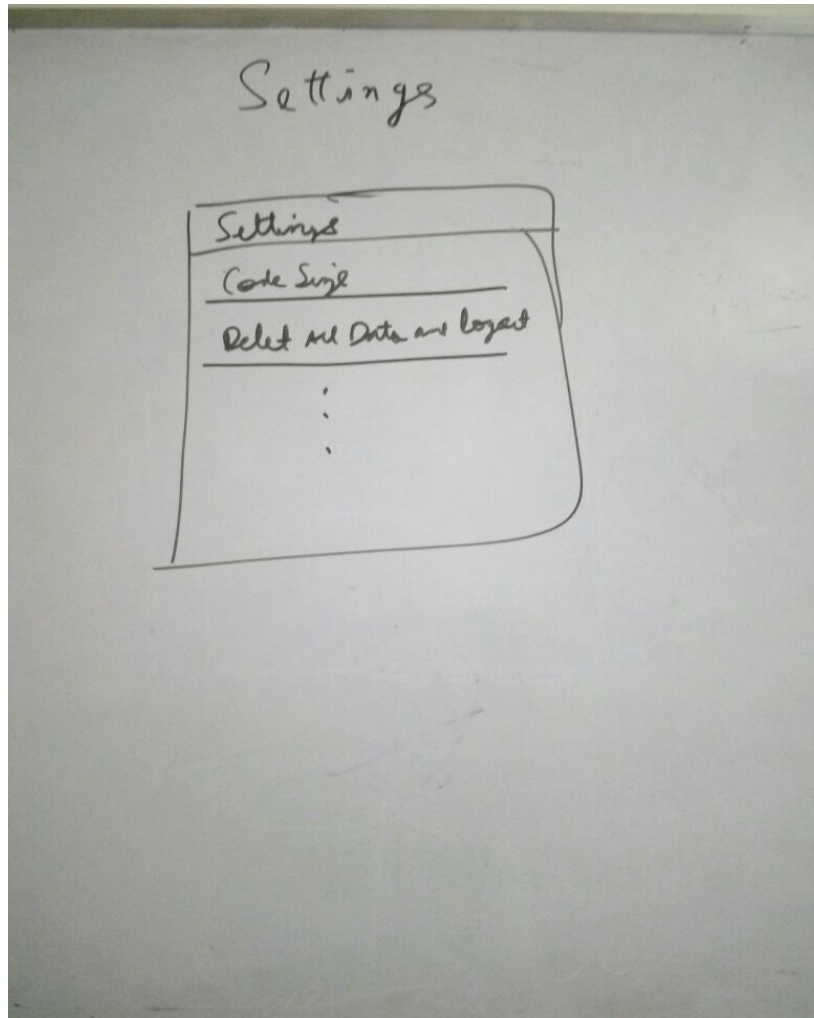


LoginActivity-the activity will have 2 edittext fields and , imageview for app logo and floating action button to login

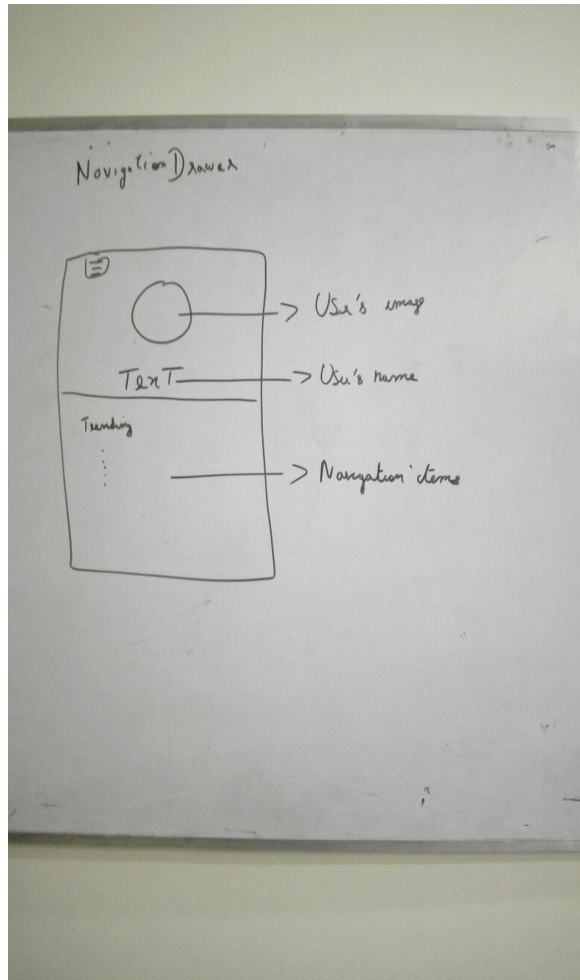
Particular Github Repo

Repo name		
Files	Commits	Issues

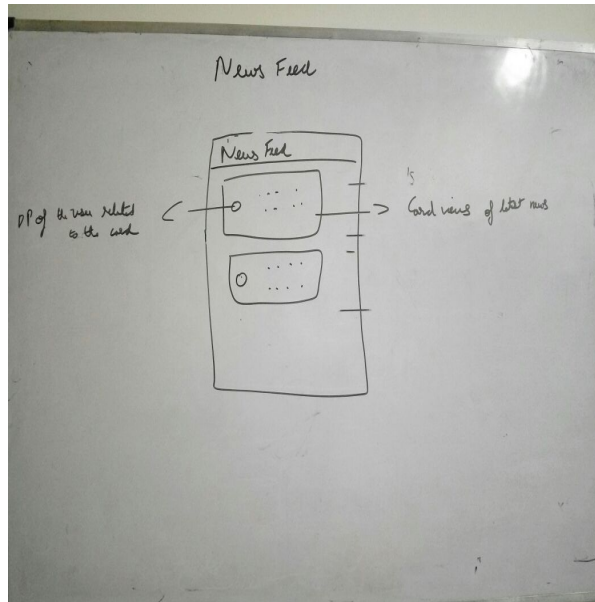
RepoActivty - show the info of a repo through different tabs



Settings Activity will implement basic settings such as code size ,Delete data etc

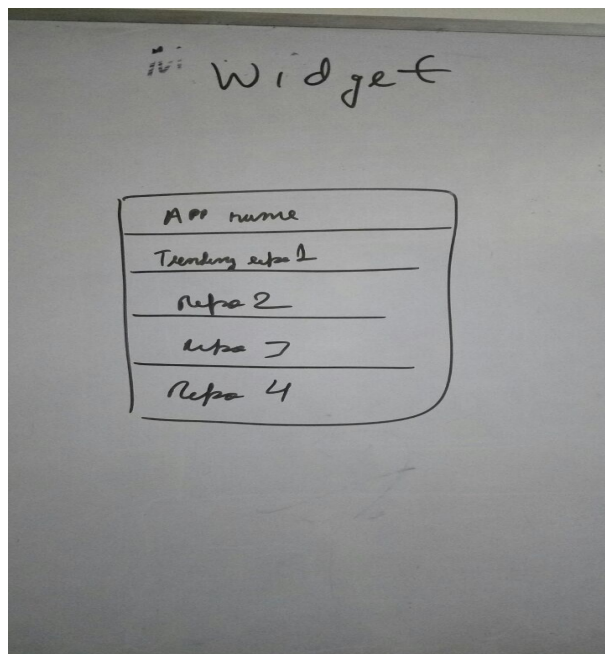


Navigation Drawer



News feed activity will display the news feed with the help of card views
Other activities ux will be almost similar to the one mentioned above

Widget



The widget will contain a list showing the latest trending repo's and clicking the title will take the user to the task

Key Considerations

How will your app handle data persistence?

The app will use both a content provider to bookmark their favorite repos and also use the existing database of github

Describe any corner cases in the UX.

I still haven't come across any corner cases while designing the UI but im sure ill come across some once the development process starts

Describe any libraries you'll be using and share your reasoning for including them.

Picasso to load avatars of users, Volley for some networking tasks and github library for using their database

Describe how you will implement Google Play Services.

1. Admob - to display test ads throughout the app
2. Analytics - to analyze user trends and update the app accordingly

Next Steps: Required Tasks

Task 1: Project Setup

- Create the project with min sdk 16
- Add the required libraries
- Update the sdk tools version to latest

Task 2: Implement UI for Each Activity and Fragment

- Build UI for MainActivity
- Build UI for NavigationDrawer
- Build UI for SettingsActivity
- Build UI for Newsfeed Activity
- Build UI for remaining fragments and activities

Task 3: Add real data using github api

Task 4: Code the database and content provider for bookmarks

Task 5: Make setting activity use sharedpreferences

Task 6: use syncadapters and loaders to keep data in sync

Task 7: show ads in between activities transition and code the google analytics part

Task 8: Improve the UI,Test the app and release signed apk